Appl. No.: 10/041,610

Amdt. dated April 8, 2008

Reply to Office Action of January 10, 2008

Amendments to the Claims:

1. (Previously Presented) A method of accessing functionalities in hypermedia to be

parsed and rendered by a user agent, the hypermedia including at least one element that has a

predetermined attribute whereby a dynamically assignable keyboard shortcut for the user agent

actuates a predetermined functionality associated with the at least one element, the method

comprising:

parsing the hypermedia;

collating data corresponding to the at least one element in the hypermedia that have been

assigned a keyboard shortcut using said predetermined attribute; and

rendering a display of the collated data.

2. (Original) A method according to claim 1 wherein the predetermined attribute

comprises accesskey operability for assigning a particular control key for the user agent to the

element.

3. (Original) A method according to claim 2 including rendering the hypermedia, and

operating a control of the user agent to render the collated data instead of the hypermedia.

4. (Previously Presented) A method according to claim 3 including

making a selection from the collated data to select said predetermined functionality.

5. (Original) A method according to claim 1 wherein the parsing and collating is

performed by a browser.

6. (Original) A method according to claim 1 wherein the hypermedia comprises an

XHTML document.

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7. (Previously Presented) A browser for a user agent for rendering hypermedia that includes at least one element that has a predetermined attribute whereby a dynamically assignable keyboard shortcut for the user agent actuates a predetermined functionality associated with the at least one element, the browser including software to provide:

parsing of the hypermedia;

identifying data corresponding to the at least one elements in the hypermedia that have been assigned a keyboard shortcut using said predetermined attribute; and rendering a display of the data.

- 8. (Original) A browser according to claim 7 for use with XHTML.
- 9. (Original) A mobile device including a browser as claimed in claim 7.
- 10. (Original) A browser according to claim 7 wherein the predetermined attribute is an accesskey function.
- 11. (Previously Presented) A device for rendering hypermedia received from a remote server, the device including a processor for processing the hypermedia and a user interface including a display device and a keyboard with a plurality of keys operable in a first mode to enter associated alphanumeric data, and operable in a second mode to actuate respective keyboard shortcuts dynamically assigned thereto by elements in the hypermedia, and wherein;

the processor and the display device being operable in a first display configuration to display the hypermedia;

the processor being operable to identify elements that define predetermined keyboard shortcuts in the hypermedia, and form an options list containing data associated with the identified elements; and

the processor and the display device being operable in a second display configuration to display the options list.

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12. (Original) A device according to claim 11 wherein the data associated with the identified elements comprise links to other hypermedia locations, and the keyboard is operable in the second display configuration to select and actuate one of the links.

- 13. (Original) A device according to claim 11 wherein the keyboard is operable to switch between the first display configuration in which the hypermedia is displayed and the second configuration in which the options list is displayed.
- 14. (Original) A device according to claim 11 wherein the display device is configured to scroll the displayed hypermedia in said first display configuration whereby the display can be scrolled through different scrolling positions, and the options list display for the second configuration is selectable independently of the scrolling position of the first display configuration.
- 15. (Original) A device according to claim 14 including a scrolling device to scroll the display of hypermedia in the first configuration.
- 16. (Original) A device according to claim 13 wherein the keys of the keyboard are operable with a relatively short key-press in the first mode and a relatively long key-press in the second mode.
- 17. (Original) A device according to claim 11 wherein the elements have an accesskey keyboard shortcut function.
- 18. (Original) A device according to claim 17 wherein numbering associated with the accesskey keyboard shortcut function is hidden in the display of hypermedia in the first display configuration.
 - 19. (Previously Presented) A computer readable medium storing computer executable

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code that when executed by a processor performs the steps of:

parsing hypermedia;

identifying data corresponding to elements that define predetermined keyboard shortcuts in the hypermedia; and

rendering a display of the data.

20. (Previously Presented) A signal including a carrier that carries instructions in the form of computer executable code that when executed by a processor provides:

parsing hypermedia;

identifying data corresponding to elements that define predetermined keyboard shortcuts in the hypermedia; and

rendering a display of the data.

21. (Currently Amended) A method of collating and providing a display of mark up language elements embedded in <u>a hypermedia document</u> that is loaded by a browser and at least partly rendered in a display of a mobile device, comprising:

parsing, using a processor of the mobile device, mark-up code of the hypermedia document;

identifying at least one mark up code element in the hypermedia <u>document</u> having an accesskey attribute; and

rendering a list of the identified elements instead of the hypermedia <u>document</u> in said display.

- 22. (Currently Amended) A method of claim 21 further comprising rendering the hypermedia <u>document</u>, and wherein the rendering of the display including a list of the identified elements, instead of the hypermedia <u>document</u> is performed in response to the operation of a control of the mobile device.
 - 23. (Previously Presented) A method of claim 21 further comprising

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making a selection of an identified element in the list to select a functionality associated with the accesskey attribute.

- 24. (Previously Presented) A method of claim 21, wherein the parsing and the collating is done by the browser.
- 25. (Currently Amended) A method of claim 21, wherein the hypermedia <u>document</u> comprises an XHTML document.
 - 26. (Currently Amended) A device comprising:

a processor operable to run a browser to load a hypermedia document; and the processor further being operable to parse mark-up code of the hypermedia document at least partly displayed in a display, identify at least one mark up code element in the hypermedia document having been assigned an accesskey attribute and render a list including the identified elements for display, instead of the hypermedia, in said display.

27. (New) A device for rendering hypermedia, the device comprising:

a processor for processing the hypermedia and operable in a first mode to receive alphanumeric data in response to actuation of one or more keys, and operable in a second mode to receive respective keyboard shortcuts dynamically assigned to respective keys by elements in the hypermedia, and wherein;

the processor being operable in a first display configuration to cause display of the hypermedia;

the processor being operable to identify elements that define predetermined keyboard shortcuts in the hypermedia, and form an options list containing data associated with the identified elements; and

the processor being operable in a second display configuration to cause display of the options list.